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#2

20601

0312790  
#2-1EPA-W-20601

AP Date 11/1

Illinois State Geological Survey  
Urbana, Illinois  
Indian Hill Utility Corp.

Sank Village

R 14E  
T 35 N  
Sec. 25  
Cook Co.

Elevation: 642' Est. T.M.

1340' N 146.5' W

Sample Set No. 34883

Drilled: 1959 by Wehling Well Works

Studied 12/59 by G.H. Emrich

Pleistocene	75	5	5	Soil	Static Water Level 12" I.D. Csg. 78'
		15	20	Till, yellowish-buff	
		45	65	Till, gravel, grayish-brown	
		10	75	Gravel, sandy	
Waukesha	170	30	105	Dolomite, silty, gray, little light gray and buff	12" Hole
		35	140	Dolomite, cherty, silty, buff to buffish gray, very fine	
		45	185	Dolomite, very silty, gray, very fine	
		60	245	Dolomite, very silty, gray to grayish buff	
Joliet	145	25	270	Dolomite, buff to buffish-green, little orange	T.D.
		55	325	Dolomite, light buff to light gray, very fine	
		35	360	Dolomite, slightly silty, light buff to light grayish buff	
		30	390	Dolomite, light gray, little light buff, very fine	
Kankakee	35	25	415	Dolomite, light buff	
		10	425	Dolomite, light buff to grayish buff	
Edgewood	37	37	462	Dolomite, silty, buff to buffish-gray, very fine, speckled	
Maquoketa	13	13	475	Shale, green, tough; dolomite, buff	

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City Bark Village County Cook Section 25.3C Twp. No. 35N Range 14E

Location (in feet from section corner) 1400' N, 1950' W, SE cor

Owner Indian Hills Utility Co #1 Authority Pat Weylan, OPI

Contractor Welling? Address \_\_\_\_\_

Date drilled 1957 Elev. above sea level top of well \_\_\_\_\_

Depth 470 ft

Log X Gravel drift 0-75; Rock 75-470

Were drill cuttings saved \_\_\_\_\_ Where filed \_\_\_\_\_

Size hole \_\_\_\_\_ If reduced, where and how much \_\_\_\_\_

Casing record 8" 0-180? 0-90?

Distance to water when not pumping Range 78' Distance to water is \_\_\_\_\_

feet after pumping at \_\_\_\_\_ G. P. M. for \_\_\_\_\_ hours.

Reference point for above measurements \_\_\_\_\_

Type of pump Peculiar turbine Distance to cylinder ?

Length of cylinder \_\_\_\_\_ Length of suction pipe below cylinder \_\_\_\_\_

Length stroke airline ? Speed 1800 RPM

Hours used per day \_\_\_\_\_ Type of power US Motor #1070326

Rating of motor 40 HP Rating of pump in G. P. M. \_\_\_\_\_

Can following be measured: (1) Static water level Yes

(2) Pumping level Yes (3) Discharge Yes 572,500 gal - Jan 5-31, 1958

(4) Influence on other wells \_\_\_\_\_

Temperature of water \_\_\_\_\_ Was water sample collected \_\_\_\_\_

Date \_\_\_\_\_ Effect of water on meters, hot water

coils, etc. \_\_\_\_\_

Date of Analysis \_\_\_\_\_ Analysis No. \_\_\_\_\_

Recorder Robert Therman

Date Feb 20, 1958

White Copy -  
Ill. Dept. of Public Health  
Yellow Copy - Well Contractor  
Blue Copy - Well Owner

FILL IN ALL PERTINENT INFORMATION REQUESTED. NO MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, ROOM 616, STATE OFFICE BUILDING, SPRINGFIELD, ILLINOIS, 62706. DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

0312790  
#3- IEPH# 20602  
APD L N/A

# ILLINOIS DEPARTMENT OF PUBLIC HEALTH WELL CONSTRUCTION REPORT

## GEOLOGICAL AND WATER SURVEYS WELL RECORD

Sank Village #3 Bldg.

### 1. Type of Well

- a. Dug ☐ Bored ☐ Hole Diam. 12 in. Depth 150 ft.  
Curb material ☐ Buried Slab: Yes ☐ No ☐  
b. Driven ☐ Drive Pipe Diam. ☐ in. Depth ☐ ft.  
c. Drilled ☒ Finished in Drift ☐ In Rock ☒  
Tubular ☐ Gravel Packed ☐  
d. Grout:

(KIND)	FROM (Ft.)	TO (Ft.)

### 2. Distance to Nearest:

Building ☐ Ft. Seepage Tile Field ☐  
Cess Pool ☐ Sewer (non Cast iron) ☐  
Privy ☐ Sewer (Cast iron) ☐  
Septic Tank ☐ Barnyard ☐  
Leaching Pit ☐ Manure Pile ☐

### 3. Is water from this well to be used for human consumption?

Yes ☒ No ☐

### 4. Date well completed April 14, 1970

5. Permanent Pump Installed? Yes ☐ No ☐  
Manufacturer Rada Type submersible  
Capacity ☐ gpm. Depth of setting 42 ft.

6. Well Top Sealed? Yes ☐ No ☐  
7. Pitless Adaptor Installed? Yes ☒ 12" attached to casing by well No ☐  
8. Well Disinfected? Yes ☒ No ☐  
9. Water Sample Submitted? Yes ☐ No ☒

REMARKS: This well is to be turned over to  
Sank Village as Village Well #3

10. Property owner Roadway Express Terminal Well No. 1  
Address Route #30 & Cal. Exway, Chicago Heights, Ill.

Driller Wehling Well Works, License No. 92-55

11. Permit No. 8479 Date Oct. 1969

12. Water from ☐ Formation ☐ 13. County Cook

at depth ☐ to ☐ ft. Sec. 21 1/2

14. Screen: Diam. ☐ in. Twp. 35N

Length: ☐ ft. Slot ☐ Rge. 11E

Elev. ☐

15. Casing and Liner Pipe 4200' 3900' S, 2200' W NE/C

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
<u>12"</u>		<u>0</u>	<u>76</u>

SHOW  
LOCATION IN  
SECTION PLAT

Sank Village

16. Size Hole below casing 11-7/8 in.  
17. Static level 15 ft. below casing top which is ☐ ft.  
above ground level. Pumping level 23 ft. when pumping at 1000  
gpm for 5 hours. As per attached

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
<u>Drift</u>	<u>76</u>	<u>76</u>
<u>Lime</u>	<u>375</u>	<u>451</u>

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Wehling Well Works, Inc. DATE April 24, 1970

IDPH 4.065  
10/68

Plant Eng. Wm. Clauson

220 gal pneumatic pressure tank with float

Correction per RTS April 1971